

AMENDMENTS TO THE SPECIFICATION:

Page 3, please amend the paragraph beginning on line 2 as follows:

--As described in the above, although stereoselective introduction of hydroxyl group and ~~glycosidation~~ glycosylation of the hydroxyl group of nemadectin at C-13 position by chemical synthesis might be difficult to perform, as a result of extensive studies, we have succeeded in preparing C-13 ~~glycosidated~~ glycosylated nemadectin producing microorganism by means of the molecular genetic technology and obtaining efficiently nemadectin with stereoselective ~~glycosidation~~ glycosylation.--

Page 3, please amend the paragraph beginning on line 11 as follows:

--The present invention was completed based on such the knowledge. An object of the present invention is to provide a microorganism belonging to genus *Streptomyces* having C-13 glycosylnemadectin producing activity by the molecular genetic technology. Another object of the present invention is to provide a microorganism strain belonging to genus *Streptomyces* having C-13 substituted nemadectin producing activity, which can be used for obtaining effectively nemadectin with stereoselective ~~glycosidation~~ glycosylation and expected to improve the biological activity thereof.--

Page 5, please amend the paragraph beginning on line 1
as follows:

--Further, we have prepared the microorganism strain, to which aveBI-BVIII gene group involving in glycosidation glycosylation of avermectin and oleandrose biosynthesis was introduced, and prepared the C-13 glycosylnemadectin producing microorganism strain.--

Page 5, please amend the paragraph beginning on line 18
as follows:

--The present invention relates to a method for manufacturing C-13 glycosylnemadectin comprising culturing a microorganism strain belonging to *Streptomyces cyaneogriseus* subsp. *noncyanogenus*, producing and accumulating C-13 glycosylnemadectin and isolating C-13 glycosylnemadectin from the cultured mass. Further, the present invention relates to the microorganism strain belonging to *Streptomyces cyaneogriseus* subsp. *Noncyanogenus* comprising gene groups of avermectin aglycon biosynthesis of *Streptomyces avermitilis* and having ability to produce C-13 hydroxylnemadectin and C-13 glycosylnemadectin.--

Page 6, please amend the paragraph beginning on line 24
as follows:

--Further, the present invention provides a method for manufacturing C-13 glycosidated glycosylated nemadectin comprising culturing a microorganism strain belonging to

Streptomyces cyaneoegriseus subsp. noncyanogenus and having ability to produce C-13 glycosidated glycosylated nemadectin, producing and accumulating C-13 glycosidated glycosylated nemadectin in the cultured medium and isolating C-13 glycosidated glycosylated nemadectin from the cultured mass.--

Page 7, please amend the paragraph beginning on line 10 as follows:

--Further, the present invention provides a microorganism belonging to Streptomyces cyaneoegriseus subsp. noncyanogenus, maintaining gene groups of avermectin aglycon biosynthesis of Streptomyces avermitilis and having ability to produce C-13 glycosidated glycosylated nemadectin, and a method for preparation of the microorganism.--

Page 8, please amend the paragraph beginning on line 8 as follows:

--Further, the present invention provides a microorganism strain belonging to Streptomyces cyaneoegriseus subspecies noncyanogenus and having ability to form a hybrid PKS with NemA1-2 and AVES3-4, wherein the microorganism strain maintains a regulator gene aveR of avermectin biosynthesis genes and an avermectin glycosidation glycosylation and an oleandrose biosynthesis genes aveBI-BVIII of Streptomyces avermitilis.--

Page 23, please amend the paragraph beginning on line 17 as follows:

-- Obtaining avermectin glycosidation glycosylation genes aveBI-BVIII derived from *Streptomyces avermitilis*

A DNA fragment, 11041 bp, described in SEQ ID NO:6, i.e. pUC19::aveBI-BVIII ligated with DNA containing total aveBI-BVIII, was digested with restriction enzymes XbaI and HindIII, and the DNA fragment containing total aveBI-BVIII was electrophoresed with low melting point agarose gel.--

Page 24, please amend the paragraph beginning on line 18 as follows:

--Introduction of avermectin glycosidation glycosylation and oleandrose biosynthesis genes aveBI-BVIII derived from *Streptomyces avermitilis* into *Streptomyces cyanoeegriseus* subsp. noncyanogenus Δ nemA4::vph attB_{TG1}::aveA4-aveA3-aveE attB_{ΦC31}::aver--

Page 31, please amend the paragraph beginning on line 27 as follows:

--As described hereinabove, the present invention relates to the invention comprising introducing DNA of the nemadectin analogous compound producing microorganism into the nemadectin producing microorganism belonging to genus *Streptomyces*, producing and accumulating C-13 hydroxyl nemadectin and C-13 glycosylnemadectin, and collecting the same. The stereoselectively glycosidated glycosylated nemadectin derivatives can be effectively obtained by preparing C-13 glycosylnemadectin by means of molecular genetic technology.

Improvements in biological activities such as anti-insects and anti-parasites can be expected.--